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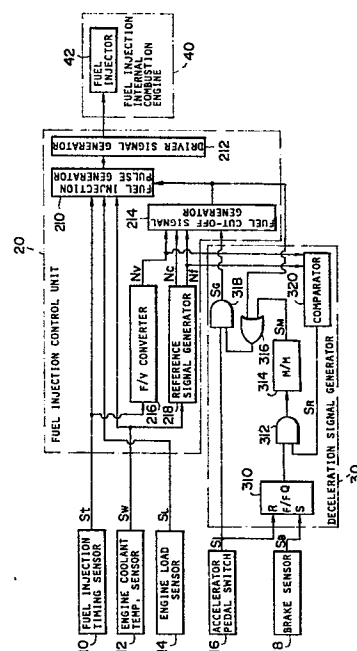
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Fuel cut-off control system in fuel injection internal combustion engine with automatic power transmission.

A fuel cut-off control can prolong a period of time in which the engine speed is maintained at a range suitable for performing fuel cut-off and shorten a period of time in which the engine speed is in a fuel recovery range to minimize fuel consumption during engine deceleration. In a fuel cut-off control system (214) in a fuel injection internal combustion engine with an automatic transmission, the fuel cut-off control system is responsive to a brake switch signal (19) and an engine speed signal (216) having a value above a fuel recovery threshold to decrease the value of a fuel cut-off threshold to again perform the fuel cut-off even in the normal fuel recovery range. Down shifting of a transmission gear is performed to increase engine speed to a level beyond the fuel cut-off threshold to prolong the fuel cut-off period.





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# EUROPEAN SEARCH REPORT

0076433

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EP 82 10 8811

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
A	GB-A-2 069 180 (NISSAN MOTOR CO.) * Whole document *	1-4	F 02 D 5/02 B 60 K 31/00
A	FR-A-2 101 674 (ROBERT BOSCH GmbH) * Page 1, line 39 - page 2, line 8; page 7, lines 2-23; page 9, line 36 - page 10, line 23; page 15, lines 20-29 *	1-4, 26, 35	
P, A	EP-A-0 045 962 (NISSAN MOTOR CO.) * Whole document *	1-40	
A	FR-A-2 414 629 (ROBERT BOSCH GmbH) * Whole document *	1-4, 26, 35	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			F 02 D 5 B 60 K 41
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12-07-1983	Examiner MOUALED R.
<b>CATEGORY OF CITED DOCUMENTS</b>			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	